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•		PAT	ENT APPLI	CATIO Substit	RECORD		Applic	Application or Bocket Number					
·	APPLICATION AS FILED – PART I (Column 1) (Column 2)							SMALL ENTITY				THAN ENTITY	
		FOR	NUM	NUMBER FILED		NUMBER EXTRA		RATE (\$)	FEE (\$)]	RATE (\$)	FEE (\$)	
		SIC FEE CFR 1.16(a), (b), or	(c))						395	1		790	
		RCH FEE CFR 1.16(k), (i), or (m)) .				1			1			
	EXA	MINATION FEE CFR 1.16(o), (p), or					1		\ 				
		AL CLAIMS CFR 1.16(i))		minus 2	20 =		1	x25=		OR	×50 =		
	IND	EPENDENT CLA	IMS	minus	3 = •		1	× 100			×900		
ikasida (k. 1985) ika di 1884 ika di 1	FEE	PLICATION SIZE	sheets of is \$250 additions	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets in fraction the Both 150 sheets 137 CFR 1.16(c)					and a state of	(१५ स्टब्स् 	Herein British	Nava en	
	35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							180	<u> </u>		360		
	* If the difference in column 1 is less than zero, enter "0" in column 2.							TOTAL		ŀ	TOTAL		
		APPL	ICATION AS	AMEND	ED – PART								
	IC	112/05	(Column 1)		(Column 2	?) (Column 3)	_	SMALL	ENTITY	OR	OTHER THAN SMALL ENTITY		
·	NT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSL PAID FOR			RATE (\$)	ADDI- TIONAL FEE (\$)		RATE (\$)	ADDI- TIONAL FEE (\$)	
	ME	Total (37 CFR 1.16())	· 3	Minus	- <u>30</u>	=		x 35 =-		ok	×50=		
		Independent (37 CFR 1.16(h))		Minus	" 3	=		×100=		OR	200=		
	AMENDMENT	Application Size Fee (37 CFR 1.16(s))								•			
1		FIRST PRESENT	ATION OF MULTIPL	E DEPENDA	ENT CLAIM (37	CFR 1.16(j))		180		OR	360		
				•			TOTAL- ADD'L FEE		OR	TOTAL ADD'L FEE			
			(Column 1)	,	(Column 2	2) (Column 3)	_					·	
· .	ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSL PAID FOR	PRESENT EXTRA		RATE (\$)	ADDI- TIONAL FEE (\$)		RATE (\$)	ADDI- TIONAL FEE (\$)	
ľ	貿	Total (37 CFR 1.16())	•	Minus	**	=	1	×35=	<u>. ι. μ.μ. (Ψ)</u>	0.0	×5O=	1 22 (8)	
	EN EN	Independent (37 CFR 1.18(h))	•	Minus	***	=	11	100		OR :	200	·	
. [A ME	Application Size Fee (37 CFR 1.16(s))						<u> </u>		OR	au-		
	_	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						180		OR	360		
								TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		
	_	If the "Highest N If the "Highest N	lumber Previously umber Previously	Paid For Paid For	IN THIS SPAC IN THIS SPAC	vrite "0" in column CE is less than 20, CE is less than 3, e	ente enter	*3*.					

Ine "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of Information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003

Application or Docket Number

10798771

		Liico	tive Octol	bei 1, 20	103	•		l .				
	•	CLAIMS A	S FILED (Column		-	ımn 2)	SMAL TYPE	LEI	YTITY	OR	OTHER	
T	OTAL CLAIMS	,	X				RAT	RATE		1	RATE	FEE
F	DR .		NUMBER FILED		NUMBER EXTRA		BASIC	FEE	385.00	OR	BASIC FEE	770.0
T	OTAL CHARGE	ABLE CLAIMS	minus 20=				XS 9	-			XS18=	
N	DEPENDENT C	. AIMS	72 minus 3 = *				- 10000	-		OR		
_		·	<u> </u>	1105 3 =			X43	-	-,,	OR	X86=	
MULTIPLE DEPENDENT CLAIM PRESENT							+145	=	٠,-	OR	+290=	
* If the difference in column 1 is less than zero, enter "0" in column 2								L	365	OR	TOTAL	
CLAIMS AS AMENDED - PART II											OTHER	
_		(Column 1)		(Colun		(Column 3)	SMA	LL t	NTITY	OR	SMALL	
	·	REMAINING AFTER AMENDMENT		NUME PREVIO PAID F	BER	PRESENT EXTRA	RAT	=	ADDI- TIONAL FEE		RATE	ADDI TIONA FEE
בֻ בַּ	Total	•	Minus	**		=	X\$ 9	-		OR	X\$18=	
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							+145 TO			OR OR	TOTAL	
		(Column 1)		·	na (1)	(Column 3)		AL		. !		
		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Colum Highe NUME PREVIO PAID F	ST BER USLY	-(Column 3) PRESENT EXTRA	101	AL EE	ADDI- TIONAL FEE	. !	TOTAL	
	Total	CLAIMS REMAINING AFTER	Minus	· HIGHE NUME PREVIO	ST BER USLY	PRESENT	ADDIT. F	AL EE	TIONAL	. !	TOTAL ADDIT. FEE	ADDI TIONA FEE
	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHE NUME PREVIO PAID F	ST BER USLY FOR	PRESENT EXTRA	ADDIT. F	AL EE	TIONAL	OR OR	TOTAL ADDIT, FEE RATE	TIONA
	Independent	CLAIMS REMAINING AFTER	Minus	HIGHE NUME PREVIO PAID F	ST BER USLY FOR	PRESENT EXTRA	ADDIT. F	AL EE	TIONAL FEE	OR	TOTAL ADDIT. FEE RATE X\$18=	TIONA
	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHE NUME PREVIO PAID F	ST BER USLY FOR	PRESENT EXTRA	TOT ADOIT. F RATE X\$ 9 X43= +145:	AL EE	TIONAL FEE	OR OR OR	TOTAL ADDIT FEE RATE X\$18= X86= +290= TOTAL	TIONA
	Independent	CLAIMS REMAINING AFTER AMENDMENT NTATION OF ML	Minus	HIGHE NUME PREVIO PAID F	EST BER USLY FOR CLAIM	PRESENT EXTRA	TOT ADDIT. F RATE X\$ 9 X43= +145:	AL EE	TIONAL FEE	OR OR OR	TOTAL ADDIT. FEE RATE X\$18= X86= +290=	TIONA
	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHE NUME PREVIO PAID F	EST BER USLY FOR CLAIM In 2) ST ER USLY	PRESENT EXTRA	TOT ADOIT. F RATE X\$ 9 X43= +145:	AL EE	TIONAL FEE ADDI-	OR OR OR	TOTAL ADDIT FEE RATE X\$18= X86= +290= TOTAL	TIONA
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	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT NTATION OF ML (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus PLTIPLE OEF	(Column Higher NUMB PREVIOR PAID F	EST BER USLY FOR CLAIM In 2) ST ER USLY	PRESENT EXTRA	TOT ADOIT. F RATE X\$ 9 X43= +145: TOT ADDIT. F RATE X\$ 9=	AL EEE	ADDI- FEE	OR OR OR OR	TOTAL ADDIT. FEE RATE X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18=	TIONA
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	Independent FIRST PRESE Total Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT NTATION OF ML (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus Minus Minus Minus LTIPLE DEP	COlumn HIGHE NUMB PRIOR COLUMN HIGHE NUMB PREVIOL PAID F	CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM CLAIM	PRESENT EXTRA	TOT ADOIT. F RATE X\$ 9 X43= +145: TOT ADDIT. F RATE X\$ 9=	AL EEE	ADDI- FEE	OR OR OR OR	TOTAL ADDIT. FEE RATE X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18=	TIONA

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CLAIMS AS FILED - PART I (Column 1) (Column 2)								SMALL ENTITY TYPE			OTHER	THAN ENTITY
T	OTAL CLAIMS		4					RATE	FEE	1	RATE	FEE
FC)R		NUMBER	FILED	NUME	NUMBER EXTRA		BASIC FEE	385.00	OR	BASIC FEE	770.00
TC	TAL CHARGE	ABLE CLAIMS	nus 20= .	•			XS 9=		OR	XS18=		
INDEPENDENT CLAIMS 7_minus 3 =								X43=	•	OR	X86=	
MULTIPLE DEPENDENT CLAIM PRESENT								+145=		OR	+290=	
* If the difference in column 1 is less than zero, enter "0" in column 2								TOTAL	38-5	OR	TOTAL	
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)								SMALL I		OR	OTHER SMALL	
ENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHI NUME PREVIO PAID F	EST BER BUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	•	Minus	**] [X\$ 9=		OR	X\$18=	
AME	Independent	•	Minus	***				X43=		OR	X86=	
FIRST PRESENTATION OF MU			JLTIPLE DEI	PENDENT	CLAIM			+145=		OR	+290=	
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		(Column 1)		(Colum	nn 2)	(Column 3)		JODIT. FEE			ADDII. FEEI	
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MON	Total	•	Minus	**		•	1 [X\$ 9=		OR	X\$18=	
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WE	Independent		Minus	***		•	╽┞	X43=		. I	X86=	
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- H	the entry in colum	nn 1 is less than the	entry in colur	nn 2, write 1	o in colu	mn 3.	. L	+145= TOTAL		OR	+290= TOTAL	
- See I	"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT, FEE OR ADDIT, FEE OR ADDIT, FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											